

Converting Colors

CIELCh(97, 4.079, 288.971)

Have a look what the booklet for
CIELCh(97, 4.079, 288.971) contains.

CIELCh(97, 4.108, 285.673)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(97, 4.108, 285.673)

Conversions

Conversions Part 1

Format	Color
Hex	F5F6FE
RGB	245, 246, 254
RGB Percent	96%, 96%, 100%
CMY	0.0394, 0.0355, 0.0041
CMYK	0.04, 0.03, 0.00, 0.00
HSL	233°, 81%, 98%
HSV	233°, 4%, 100%
XYZ	88.4637, 92.4403, 106.9072
YIQ	246.6130, -3.1640, 2.2760

Conversions

Conversions Part 2

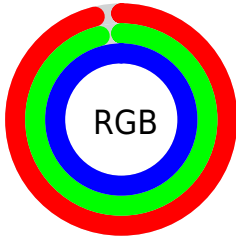
Format	Color
R_{YB}	245, 246, 254
Decimal	16119550
CIE Lab	97.00, 1.11, -3.96
CIE LCh	97, 4.108, 285.673
Yxy	92.4403, 0.3074, 0.3212
Android (android.graphics.Color)	4294309630 (0xFF5F6FE)
YUV	246.6130, 3.6418, -1.4146
Hunter-Lab	96.1459, -4.0177, 1.3760

Details

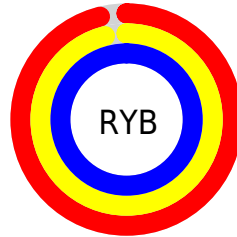
The CIELCh color **97, 4.108, 285.673** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **99, 4.061, 104.833**, and the grayscale version is **97, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **77, 3.775, 285.028** is the 20% darker color. If you saturate the color by 10%, you get **90, 15.938, 286.826**, and if you desaturate by 10%, it is **100, 0.518, 109.990**.

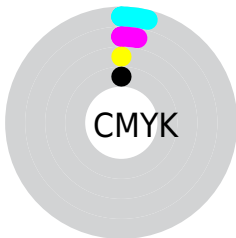
Distribution



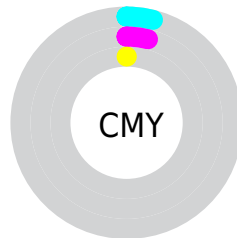
- Red (96%)
- Green (96%)
- Blue (100%)



- Red (96%)
- Yellow (96%)
- Blue (100%)



- Cyan (4%)
- Magenta (3%)
- Yellow (0%)
- Black (0%)



- Cyan (4%)
- Magenta (4%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 97, 4.108, 285.673 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 97, 4.108, 285.673 by changing the saturation by 10% instead.

97, 4.108, 285.673

97, 4.108, 285.673

100, 4.108,
285.673

87, 4.108, 285.673

77, 4.108, 285.673

67, 4.108, 285.673

57, 4.108, 285.673

47, 4.108, 285.673

37, 4.108, 285.673

27, 4.108, 285.673

17, 4.108, 285.673

7, 4.108, 285.673

97, 4.108, 285.673

97, 4.108, 285.673

90, 15.938,
286.826

100, 0.518,
109.990

82, 28.207,
288.232

75, 40.951,
289.885

67, 54.208,
291.816

60, 67.990,
294.038

53, 82.223,
296.524

46, 96.601,
299.168

40, 110.345,
301.758

■ 36,122.008,
303.986

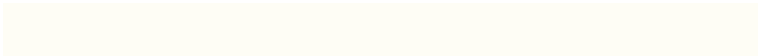
Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



97, 4.108, 285.673



99, 4.061, 104.833

Rectangle

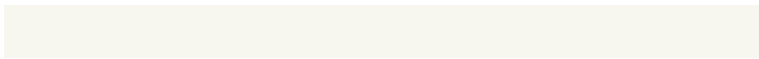
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



97, 4.108, 285.673



97, 4.108, 335.673



97, 4.108, 105.673



97, 4.108, 155.673

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



97, 4.106, 285.651



99, 1.166, 285.458



99, 3.174, 189.715



53, 0.663, 285.459



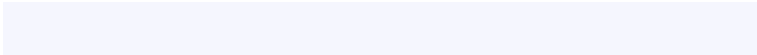
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



97, 4.106, 285.651



97, 4.652, 285.698



97, 4.781, 305.053



51, 3.309, 285.778



25, 102.109, 304.781



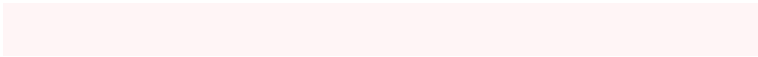
5, 40.579, 299.721

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



97, 3.231, 10.307



97, 3.664, 10.368



99, 4.732, 124.736



51, 2.610, 10.460



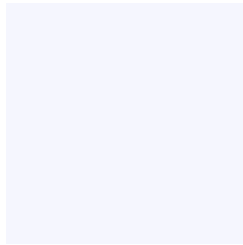
40, 79.418, 35.350



10, 32.523, 22.635

Previews

White Background



This preview shows how the CIELCh color 97, 4.108, 285.673 looks on a white background.

Color Contrast Check

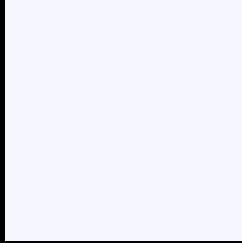
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 97, 4.108, 285.673 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

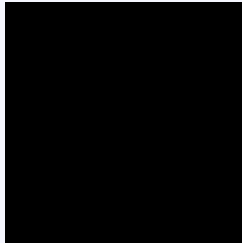
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

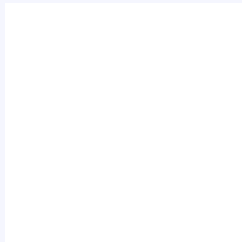
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 97, 4.108, 285.673

Background



This preview shows how black text looks on a background with the CIELCh color 97, 4.108, 285.673.

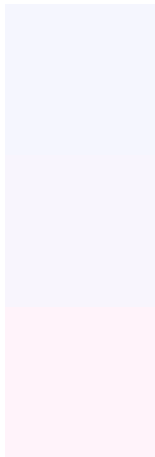


This preview shows how white text looks on a background with the CIELCh color 97, 4.108, 285.673.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

97, 4.108, 285.673

Protanopia

97, 4.246, 304.728

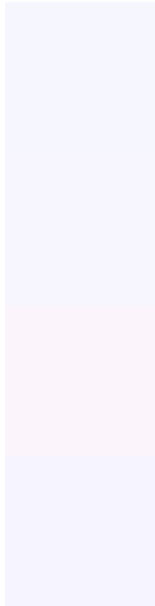
Deuteranopia

97, 5.567, 339.698



Tritanopia
97, 5.141, 294.439

Trichromacy



Original Color
97, 4.108, 285.673

Protanomaly
97, 4.169, 300.099

Deuteranomaly
97, 4.371, 324.526

Tritanomaly
97, 5.141, 294.439

Monochromacy



Original Color
97, 4.108, 285.673

Achromatopsia
97, 0.011, 296.813

Achromatomaly
97, 1.577, 277.559

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 4.108, 285.673 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(245, 246, 254)` looks like.

```
.text, #text, p{  
    color:rgb(245, 246, 254)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(245, 246, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 246, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 4.108, 285.673 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(245, 246, 254) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(245, 246, 254) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(245, 246, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 246, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 246, 254);  
box-shadow:4px 4px 4px 4px rgb(245, 246,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 4.108, 285.673 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 246, 254) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(245,  
246, 254) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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